

10/26/828
Date: 4-1-05

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| 1159 optical adj2 mouse ((359/618,813-814,822-824) or 3757 (369/44.15,44.16)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 4/1/05 8:46 |
| 2 1 and 2 | US-PGPUB; USPAT; USOCR; IBM_TDB | 4/1/05 8:47 |
| 256 (345/166).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 4/1/05 8:47 |
| 77 4 and transparent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 4/1/05 8:54 |
| 84 4 and (transparent or opaque) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 4/1/05 8:54 |
| 234 (345/166).CCLS. ((359/618,813-814,822-824) or 2939 (369/44.15,44.16)).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 4/1/05 8:53 |
| 1 KATO-NORHIRO\$9.in. | US-PGPUB; USPAT; IBM_TDB | 4/1/05 8:47 |
| 1 KATO-NORHIRO\$9.in. | US-PGPUB; USPAT; IBM_TDB | 12/17/04 11:08 |
| 29 ("5448649").URPN. | USPAT | 12/17/04 11:07 |
| 17 chen-dennis\$9.in. | USPAT | 12/17/04 11:07 |
| 8 ("4120585" "4525859" "4537484" "4832485" "5040223" "5146102" "5224174" "5289253").PN. (((light or illumination) with source) or laser or diode) same (split\$5 or beam\$2split\$5 or light\$2split\$5) same (photo\$2diode or detect\$5 or sens\$5) same | US-PGPUB; USPAT; USOCR | 12/17/04 10:28 |
| 281 imag\$5 same transparent | US-PGPUB; USPAT; IBM_TDB | 12/17/04 7:44 |
| 1 S119 and S132 | US-PGPUB; USPAT; IBM_TDB | 12/17/04 7:44 |
| 22845 same (photo\$2diode or detect\$5 or sens\$5) 17 ("4626920").URPN. 6 ("4878122").URPN. ("4441791" "4626920" "4857978" "5170283" "5258775" "5311360" "5459610" "5661592" "5677783" "5808797" "5822110" "5841579" "5844711" "5982553" "6084626" "6088102" 18 "6215579" "6307663").PN. | US-PGPUB; USPAT; IBM_TDB USPAT USPAT | 12/17/04 7:43 12/17/04 7:39 12/17/04 7:39 |
| | US-PGPUB; USPAT; USOCR | 12/17/04 7:38 |

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| 8 ("4868668" "5386253" "5982553" "6052166" "6307663" "6384959" "6411425" "6476848").PN. | US-PGPUB; USPAT; USOCR | 12/17/04 7:36 |
| 1403 (((light or illumination) with source) or laser or diode) with (split\$5 or beam\$2split\$5 or light\$2split\$5) with (photo\$2diode or detect\$5 or sens\$5) same imag\$5 | US-PGPUB; USPAT; IBM_TDB | 12/17/04 7:35 |
| 8 S119 and S126 | US-PGPUB; USPAT; IBM_TDB | 12/17/04 7:35 |
| 9638 (((light or illumination) with source) or laser or diode) with (split\$5 or beam\$2split\$5 or light\$2split\$5) with (photo\$2diode or detect\$5 or sens\$5) | US-PGPUB; USPAT; IBM_TDB | 12/17/04 7:34 |
| 0 S123 and (image with retriev\$5) | US-PGPUB; USPAT; IBM_TDB | 12/17/04 7:34 |
| 76 S123 and (imag\$5) | US-PGPUB; USPAT; IBM_TDB | 12/17/04 7:34 |
| 85 S118 and S121 | US-PGPUB; USPAT; IBM_TDB | 12/17/04 7:33 |
| 195 S118 and S120 | US-PGPUB; USPAT; IBM_TDB | 12/17/04 7:33 |
| 2019 ((359/618,813-814) or (369/44.15,44.16)).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 12/17/04 7:29 |
| 2348 ((359/618,813-814) or (369/44.15,44.16) or (382/126) or (345/166)).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 12/17/04 7:29 |
| 3683 ((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 12/17/04 7:28 |
| 2939 ((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 12/15/04 11:14 |
| 2 ("4560457" "5396061").PN. | US-PGPUB; USPAT; USOCR | 12/15/04 11:09 |
| 6 ("3205774" "4422169" "5612826" "6108292" "6270696").PN. | US-PGPUB; USPAT; USOCR | 12/15/04 11:07 |
| 5 ("6108292").URPN. | USPAT | 12/15/04 11:07 |
| 72 martinez-joseph\$9.xa. | US-PGPUB; USPAT; IBM_TDB | 12/15/04 10:57 |
| 9 S112 and (objective with lens) | US-PGPUB; USPAT; IBM_TDB | 12/15/04 10:57 |
| 21 S110 and split\$5 | US-PGPUB; USPAT; IBM_TDB | 12/15/04 10:56 |
| 196 S107 and OPTICAL | US-PGPUB; USPAT; IBM_TDB | 12/15/04 7:00 |
| 8 S107 and (beam adj split\$4) | US-PGPUB; USPAT; IBM_TDB | 12/15/04 6:59 |
| 1 S108 AND "2673" | US-PGPUB; USPAT; IBM_TDB | 12/15/04 6:58 |
| 0 S104 and (beam with splitter) | US-PGPUB; USPAT; IBM_TDB | 12/14/04 17:00 |
| 2 S104 and (beam with split\$5) | US-PGPUB; USPAT; IBM_TDB | 12/14/04 17:00 |

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| 35 (optical adj2 mouse) and (beam with splitter) | US-PGPUB; USPAT; IBM_TDB | 12/14/04 16:59 |
| 76 (optical adj2 mouse).ti. | US-PGPUB; USPAT; IBM_TDB | 12/14/04 16:59 |
| 1 (optical adj2 mouse) same (beam with splitter) | US-PGPUB; USPAT; IBM_TDB | 12/14/04 16:58 |
| 1 (optical adj2 mouse) same splitter | US-PGPUB; USPAT; IBM_TDB | 12/14/04 16:58 |
| 0 S101 not S100 | US-PGPUB; USPAT; IBM_TDB | 12/14/04 16:58 |
| 69 (optical adj2 point\$5) same (beam with splitter) | US-PGPUB; USPAT; IBM_TDB | 12/14/04 16:58 |
| (optical wadj2 mouse) and (image with retriev\$5) and | US-PGPUB; USPAT; | |
| 582 (beam with splitter) | IBM_TDB | 12/14/04 16:57 |
| (optical adj2 mouse) and (image with retriev\$5) and | US-PGPUB; USPAT; | |
| 0 (beam with splitter) | IBM_TDB | 12/14/04 16:57 |
| (optical with mouse) and (image with retriev\$5) and | US-PGPUB; USPAT; | |
| 18 (beam with splitter) | IBM_TDB | 12/14/04 16:56 |
| (optical with mouse) and (image with retriev\$5 with | US-PGPUB; USPAT; | |
| 0 method) and (beam with splitter) | IBM_TDB | 12/14/04 16:55 |
| | US-PGPUB; USPAT; | |
| 243 (optical with mouse) and (image with retriev\$5) | IBM_TDB | 12/14/04 16:55 |
| (optical with mouse) and (image with retriev\$5 with | US-PGPUB; USPAT; | |
| 44 method) | IBM_TDB | 12/14/04 16:54 |
| | US-PGPUB; USPAT; | |
| 3453 (optical with mouse) | IBM_TDB | 12/14/04 16:53 |
| | US-PGPUB; USPAT; | |
| 243 (optical with mouse) and (image with retriev\$5) | IBM_TDB | 12/14/04 16:53 |
| | US-PGPUB; USPAT; | |
| 30 S89 and "359"/\$.ccls. | IBM_TDB | 12/14/04 16:27 |
| | US-PGPUB; USPAT; | |
| 76 werner-brian.xp. | IBM_TDB | 12/14/04 16:27 |
| | US-PGPUB; USPAT; | |
| 71 S86 and splitter | IBM_TDB | 12/14/04 16:24 |
| | US-PGPUB; USPAT; | |
| 0 S86 and (optical with mouse) | IBM_TDB | 12/14/04 16:24 |
| | US-PGPUB; USPAT; | |
| 334 chang-audrey\$9.xp. | IBM_TDB | 12/14/04 16:20 |
| | US-PGPUB; USPAT; USOCR; | |
| 1 ("6400492").PN. | IBM_TDB | 12/14/04 16:19 |
| ((SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or | | |
| KATO-NORHIRO\$9.in. or (TANAKA-TETSU\$9.in. | | |
| and (objective adj lens)) or (KUBO-TAKESHI\$9.in. | | |
| 2 and (objective adj lens))) and (slide adj base) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 15:31 |
| ((SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or | | |
| KATO-NORHIRO\$9.in. or (TANAKA-TETSU\$9.in. | | |
| and (objective adj lens)) or (KUBO-TAKESHI\$9.in. | | |
| and (objective adj lens))) and (((359/618,813-814,822- | | |
| 2 824) or (369/44.15,44.16)).CCLS.) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 15:31 |

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| 65 (objective adj lens) and (base and core and conductor and electric\$5 and board) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 15:16 |
| ((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((objective adj lens) and (base and core and conductor and electric\$5 and board)) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 15:16 |
| 176 (objective adj lens) and (base and core and conductor and electric\$5) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 15:15 |
| 3032 ((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 9/14/04 14:53 |
| ((objective adj lens) and (base and core and conductor and electric\$5)) and (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:53 |
| (objective adj lens) and (base same core same conductor same electric\$5) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:52 |
| 58 (objective adj lens) and (slide adj base) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:47 |
| ((objective adj lens) and (slide adj base)) and core | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:47 |
| 2 and conductor and electric\$5 | | |
| ((objective adj lens) and (slide adj base)) not | | |
| 56 (((objective adj lens) and (slide adj base)) and core and conductor and electric\$5) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:47 |
| 6 KUBO-TAKESHI\$9.in. and (objective adj lens) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:38 |
| 3 TANAKA-TETSU\$9.in. and (objective adj lens) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:37 |
| 5 KUBO-TAKESHI\$9.in. and (objective adj lens) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:37 |
| 11 SUZUKI-JUNICHI\$9.in. and (objective adj lens) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:37 |
| 1 KATO-NORHIRO\$9.in. | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:37 |
| 4 TANAKA-TETSU\$9.in. and (objective adj lens) | US-PGPUB; USPAT; IBM_TDB | 9/14/04 14:37 |
| 11 SUZUKI-JUNICHI\$9.in. and (objective adj lens) | USPAT | 9/14/04 14:36 |
| 35 4759005.URPN. | USPAT | 5/3/04 17:24 |
| 0 6587284.URPN. | USPAT | 5/3/04 16:40 |
| ("5285434" "5321678" "5359459" "5561646" "5905255" "5949590" "6278669").PN. | USPAT | 5/3/04 16:40 |
| 2 5949590.URPN. | USPAT | 5/3/04 16:39 |
| ("5285434" "5321678" "5359459" "5561646" "5949590").PN. | USPAT | 5/3/04 16:21 |
| 8436 coil with board | US-PGPUB; USPAT; IBM_TDB | 5/3/04 16:20 |
| 114 coil adj board | US-PGPUB; USPAT; IBM_TDB | 5/3/04 16:20 |
| ((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS. | US-PGPUB; USPAT; USOCR; IBM_TDB | 5/3/04 16:20 |
| 2939 (coil adj board) and (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) | US-PGPUB; USPAT; IBM_TDB | 5/3/04 16:20 |

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| 3 5870373.URPN. | USPAT | 5/1/04 11:47 |
| 2 6016292.URPN. | USPAT | 5/1/04 11:44 |
| 2 5768037.URPN. | USPAT | 5/1/04 11:43 |
| 35 4759005.URPN. | USPAT | 5/1/04 11:40 |
| (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet same (objective adj lens))) and (print\$4 with board) | US-PGPUB; USPAT; | |
| 70 with coils | IBM_TDB | 5/1/04 11:37 |
| | US-PGPUB; USPAT; | |
| 6 (print\$4 adj coil adj board) with coils | IBM_TDB | 5/1/04 11:36 |
| (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet | US-PGPUB; USPAT; | |
| 360 same (objective adj lens)) | IBM_TDB | 5/1/04 11:36 |
| (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet same (objective adj lens))) and (print\$4 adj coil adj | US-PGPUB; USPAT; | |
| 4 board) | IBM_TDB | 5/1/04 11:36 |
| ((((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet same (objective adj lens))) and (print\$4 adj coil adj board)) not (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((print\$6 adj coil adj | US-PGPUB; USPAT; | |
| 0 board) same magnet same (objective adj lens))) | IBM_TDB | 5/1/04 11:36 |
| (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet | US-PGPUB; USPAT; | |
| 121 same (objective adj lens))) and (print\$4) | IBM_TDB | 5/1/04 11:36 |
| (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((print\$6 adj coil adj | US-PGPUB; USPAT; | |
| 4 board) same magnet same (objective adj lens)) | IBM_TDB | 5/1/04 11:35 |
| (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((coil adj board) same | US-PGPUB; USPAT; | |
| 4 magnet same (objective adj lens)) | IBM_TDB | 5/1/04 11:35 |
| | US-PGPUB; USPAT; | |
| 6 (print\$4 adj2 coil adj2 board) and (single with magnet) | IBM_TDB | 5/1/04 11:32 |
| | US-PGPUB; USPAT; | |
| 0 (print\$4 adj2 coil adj2 board).ti. | IBM_TDB | 5/1/04 11:32 |
| | US-PGPUB; USPAT; | |
| 0 print\$4 adj2 circuit adj2 board adj 2coil | IBM_TDB | 5/1/04 11:32 |
| | US-PGPUB; USPAT; | |
| 3 (print\$4 adj coil adj board) and (single with magnet) | IBM_TDB | 5/1/04 11:31 |
| | US-PGPUB; USPAT; | |
| 0 (print\$4 adj coil adj board) with (single adj magnet) | IBM_TDB | 5/1/04 11:24 |
| | US-PGPUB; USPAT; | |
| 0 (print\$4 adj coil adj board) with (single with magnet) | IBM_TDB | 5/1/04 11:24 |
| | US-PGPUB; USPAT; | |
| 0 (print\$4 adj coil adj board) same (single with magnet) | IBM_TDB | 5/1/04 11:24 |
| 2 5949590.URPN. | USPAT | 5/1/04 11:22 |
| 0 6587284.URPN. | USPAT | 5/1/04 11:22 |
| ("5285434" "5321678" "5359459" "5561646" | | |
| 7 "5905255" "5949590" "6278669").PN. | USPAT | 5/1/04 11:22 |
| 2 ("5828634" "6344936").PN. | USPAT | 5/1/04 11:21 |

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| 5 ("5285434" "5321678" "5359459" "5561646" "5949590").PN. | USPAT | 5/1/04 11:21 |
| 1 6344936.URPN. | USPAT | 5/1/04 11:20 |
| 1 6377407.URPN. | USPAT | 4/30/04 17:22 |
| 0 6519100.URPN. | USPAT | 4/30/04 17:20 |
| 6 ("5627687" "5636068" "5903539" "5926327" "6317277" "6377407").PN. | USPAT | 4/30/04 17:20 |
| 4 ("4669823" "4702555" "5208703" "5566149").PN. | USPAT | 4/30/04 17:20 |
| 5 5926327.URPN. | USPAT | 4/30/04 17:16 |
| 4 ("5428589" "5446721" "5602808" "5748580").PN. | USPAT | 4/30/04 17:07 |
| ("4449213" "4653856" "4669823" "4702555" "4766583" "4927235" "4948230" "5046820" "5073883" "5144607" "5161067" "5208703" "5220459" "5313334" "5323378" "5428481" "5446721").PN. | USPAT | 4/30/04 17:03 |
| 10 5446721.URPN. | USPAT | 4/30/04 17:01 |
| 8 ("5446721" "5598397" "5877904" "5905255" "5926327" "5940227" "5999501" "6163416").PN. | USPAT | 4/30/04 16:59 |
| 0 6643229.URPN. | USPAT | 4/30/04 16:56 |
| 6 ("5043964" "5430699" "5905255" "6084834" "6181670" "6341104").PN. | USPAT | 4/30/04 16:56 |
| 5 6341104.URPN. | USPAT | 4/30/04 16:49 |
| 3 5940227.URPN. | USPAT | 4/30/04 14:21 |
| 0 5724324.URPN. | USPAT | 4/30/04 14:20 |
| 4 5218483.URPN. | USPAT | 4/30/04 14:19 |
| (objective adj lens) same coil\$4 same (single with magnet) | US-PGPUB; USPAT; IBM_TDB | 4/30/04 14:17 |
| 12 4482988.URPN. | USPAT | 4/30/04 14:17 |
| 2450 (objective adj lens) and coil\$4 and magnet | US-PGPUB; USPAT; IBM_TDB | 4/30/04 14:16 |
| 3 ("4759005" "5177640" "5548449").PN. | USPAT | 4/30/04 14:12 |
| 10 4782475.URPN. | USPAT | 4/30/04 10:24 |
| ((((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((objective adj lens) and coil\$4 and magnet) | US-PGPUB; USPAT; IBM_TDB | 4/30/04 10:23 |
| 475 and coil\$4 and magnet) | | |
| ((((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((objective adj lens) and coil\$4 and magnet)) and north and south | US-PGPUB; USPAT; IBM_TDB | 4/30/04 10:23 |
| 16 4813033.URPN. | USPAT | 4/30/04 10:08 |
| 14 4507765.URPN. | USPAT | 4/30/04 10:05 |
| 89 SUZUKI-JUNICHI\$9.in. | US-PGPUB; USPAT; IBM_TDB | 4/30/04 10:02 |
| 7 5727111.URPN. | USPAT | 4/30/04 10:00 |
| 4 TANAKA-TETSU\$9.in. and lens | US-PGPUB; USPAT; IBM_TDB | 4/30/04 9:58 |
| 20 KUBO-TAKESHI\$9.in. | US-PGPUB; USPAT; IBM_TDB | 4/30/04 9:58 |

145 TANAKA-TETSU\$9.in.

US-PGPUB; USPAT;
IBM_TDB

4/30/04 9:57